

M E M O R A N D U M

TO: Governing Board Members

FROM: Kenneth G. Ammon, P.E., Deputy Executive Director,
Everglades Restoration and Capital Projects

DATE: February 1, 2010

SUBJECT: Construction of Biscayne Bay Coastal Wetlands - Phase 1
Deering Estate Flowway -- Contract Number 4600002035

Background:

The intent of the District is to design and construct the Biscayne Bay Coastal Wetlands - Phase 1 Project. In July 1999, the Assistant Secretary of the Army for Civil Works transmitted the Central and Southern Florida Project Comprehensive Review Study Final Integrated Feasibility Report and Programmatic Environmental Impact Statement to Congress for implementation and approval in accordance with the Chief of Engineers Report. The plan was authorized by the Water Resources Development Act of 2000 (WRDA 2000) and signed into law by the President in December 1999. The Biscayne Bay Coastal Wetlands Project requires authorization under Section 601 (d) Authorization of Future projects. It is anticipated that the Project will be authorized in WRDA 2010. In 2004, Phase 1 became part of the project that the state is expediting. The Pre-Partnership Credit Agreement (PPCA) between the U.S. Army Corp of Engineers and the District, dated August 2009, provides for the District to obtain credit towards the construction of the Biscayne Bay Coastal Wetlands Project.

The purpose of this contract is to construct the Biscayne Bay Coastal Wetlands - Phase 1 Project's Deering Estate Flowway component. This consists of constructing one (1) 100-cfs pump station, canal extension and associated conveyance system capable of redistributing excess water from the C-100A Canal into the Deering Estate Coastal Wetlands via the Cutler Drain.

The District has obtained the U.S. Army Corps of Engineers 404 Clean Water Act Permit and Florida Department of Environmental Protection Everglades Forever Act Permit for construction of the project.

How this helps meet the District's 10-Year Strategic Plan:

The Biscayne Bay Coastal Wetlands - Phase 1 Project is included in the 10-Year Strategic Plan and the Annual Work Plan. The project will enable the District to restore important functions and values of the Everglades and south Florida ecosystem. The project also will improve water deliveries and enhance the connectivity and sheet flow

between the Coastal Wetlands and Biscayne Bay, reduce wet season flows in the C-100 Canal, and decrease potential flood risk in the lower south Miami Dade County area.

Funding Source:

This is a 425-day contract with Worth Contracting, Inc., the lowest responsive and responsible bidder, for construction of the Biscayne Bay Coastal Wetlands - Phase 1 Project's Deering Estate Flowway Component in an amount not to exceed \$4,192,895 of which dedicated funds (Save Our Everglades Trust Fund) in the amount of \$2,348,021 are budgeted and the remainder is subject to Governing Board approval of the FY11 budget.

This Board item impacts what areas of the District, both resource areas and geography: Biscayne Bay Coastal Wetland - Phase 1 Project's Deering Estate Flowway component is located in southwest Miami Dade County near the entrance to Deering Estate Park at Cutler. The project is bounded by Deering Estate Park at Cutler to the east, and the Village of Palmetto Bay residential area to the west, north and south.

Staff from the Everglades Restoration Resource Area will manage the construction of the Project. Consulting engineering firms will provide construction management and engineering during construction services. Staff from the Miami Dade Field Station will be responsible for the maintenance of the project after its completion.

What concerns could this Board item raise?

There have been some concerns from Miami Dade County and the Village of Palmetto Bay related to noise and maintenance of traffic during construction. This is because the construction site is located within a residential area. These concerns have been evaluated and discussed with the Village and the County and provisions have been made in the contract documents to minimize them as much as possible.

Why should the Governing Board approve this item?

The construction contract for civil works must be pursued in order to partially fulfill the requirements of the Comprehensive Everglades Restoration Plan in south Miami Dade County and support the District's Strategic Plan.

Attachments – Resolution, Map
KGA/jaj